

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Spring 2012 Levee Inspection Results****Reclamation District No. 2094 Wathal**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Reclamation District No. 2094 Wathal**

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	2.82
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/24/2012 - 5/24/2012			
DWR Inspector	Max Khashchuk			
Accompanied By	Brian Mizuno RD 2094			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 2094 Wathal**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Right	2.82	05/24/2012 05/24/2012	Max Khashchuk

  

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1			Earthen Levee	Flood Preparedness & Training	WS	A Ma		°	°	6
DWR ID: DWR_RD2094_01_s_2012_6										
2			Earthen Levee	Emergency Supplies & Equipment	WS	A Ma		°	°	7
DWR ID: DWR_RD2094_01_s_2012_7										
3			Earthen Levee	Operations & Maintenance Manuals	WS	U Ma		°	°	8
DWR ID: DWR_RD2094_01_s_2012_8										
4	0.10	0.10	Earthen Levee	Encroachments	WS	M En	RA : Ramp Inspector Comments: An access ramp has been built on the water side and extends into the channel. This could potentially alter the channel capacity. This item was also noted in the USACE comments.	37.771685 ° -121.300239 °	37.771685 ° -121.300239 °	4 Y
DWR ID: DWR_RD2094_01_s_2012_4										
5	0.26	0.26	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	37.769370 ° -121.301188 °	37.769370 ° -121.301188 °	5 Y
DWR ID: DWR_RD2094_01_s_2012_5										
6	0.66	0.66	Earthen Levee	Encroachments	WSA/W	PI : Pipe Ma	Inspector Comments: 14" steel irrigation intake with sluice gate.	37.767505 ° -121.294902 °	37.767505 ° -121.294902 °	1 Y
DWR ID: DWR_RD2094_01_s_2012_1										
7	1.26	1.26	Earthen Levee	Encroachments	WSA/W	PI : Pipe Ma	Inspector Comments: 20" irrigation intake, sluice gate on water side hinge point.	37.760574 ° -121.297365 °	37.760574 ° -121.297365 °	2
DWR ID: DWR_RD2094_01_s_2012_2										
8	2.29	2.29	Earthen Levee	Encroachments	WSA/W	PI : Pipe Ma	Inspector Comments: 20" steel irrigation intake.	37.752225 ° -121.296431 °	37.752225 ° -121.296431 °	3
DWR ID: DWR_RD2094_01_s_2012_3										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 2094 Wathal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.82	05/24/2012 05/24/2012	Max Khashchuk

Levee Mile Report Line	4
Start Levee Mile	0.10
End Levee Mile	0.10
Location	Water Side
Category	Earthen Levee
Item	Encroachments
11/09/2011 Tire marks shown onto ramp from levee. Raised area extends to the trees in the background in the center of the photo.	
mkhashch_s_20120511_082.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.26
End Levee Mile	0.26
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of well controlled annual vegetation.	
05/24/2012	
mkhashch_s_20120525_407.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.66
End Levee Mile	0.66
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Irrigation intake on San Joaquin River. Positive closure device (sluice gate) on water side hinge points. Pipe is through freeboard portion of levee. Concrete stand pipe beyond landside toe.	
mkhashch_s_20120511_081.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Reclamation District No. 2094 Wathal**

Waterway			Bank	Unit Miles
Unit No. 02 San Joaquin River				0.46
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/24/2012 - 5/24/2012			
DWR Inspector	Max Khashchuk			
Accompanied By	Brian Mizuno RD 2094			

**Summer & Winter Inspections**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 2094 Wathal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River		0.46	05/24/2012 05/24/2012	Max Khashchuk

LMR No.	Levee Mile		Category	Item	Location *	Rating ** +	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.02	0.02	Earthen Levee	Vegetation	WS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	37.759377 ° -121.300010 °	37.759377 ° -121.300010 °	1 Y

DWR ID: DWR\_RD2094\_02\_s\_ 2012\_1

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Reclamation District No. 2094 Wathal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River		0.46	05/24/2012 05/24/2012	Max Khashchuk

Levee Mile Report Line	1
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of well controlled annual vegetation.  
05/24/2012

mkhashch\_s\_20120525\_408.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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